

Ryan Hermes

Edina, MN | rryanhermes@gmail.com | (612)- 469-1552 | github/ryanjhermes | ryanhermes.com | linkedin/in/ryanhermes

EDUCATION

University of Minnesota, Twin Cities

Minneapolis, MN

Curtis L. Carlson School of Management

September 2022 - December 2025 (expected)

Bachelor of Science in Business, Major: Management Information Systems, Business Analytics

RELEVANT EXPERIENCE

UnitedHealth Group

Minneapolis, MN

Data Science Intern

June 2025 - Present

- Developed a data processing pipeline in Databricks to filter and analyze healthcare survey responses, leveraging Azure Databricks API for sentiment analysis, which was then integrated with PowerBI for visualization.
- Developed an AI agent to identify the root cause of healthcare inquiries, streamlining operational support processes.
- Collaborated with cross-functional teams to validate models and support data-driven decision-making.

Analytics Intern

June 2024 - October 2024

- Created a claims payments monitoring dashboard for the E&I eCommerce team to investigate trends relating to payment volumes, declines, refunds, customer satisfaction, and disputes.
- Engineered metrics such as ACH adoption rate and Reactive VOC by synthesizing API data from sources like Stripe, ServiceNow, Qualtrics, and Datadog, improving data accessibility for decision-making.
- Identified \$200,000 in lost revenue from fraudulent disputes over six months, and developed a machine learning model to detect and flag future cases for the Optum Advisory Services team.

Atland Ventures

Minneapolis, MN

Senior Analyst - Technology

January 2024 - Present

- Atland Ventures is the first fully independent, for-profit, student-led & student-owned venture capital firm not affiliated with the University nor its Endowment fund, managing \$2,050,000 in assets.
- Led a \$25,000 deal in HYBRD at the seed stage, the Strava for elite athletes.

Collaboration.ai

Minneapolis, MN

AI Consultant

November 2024 - December 2024

- Developed AI agents that critique any MN organization by scraping its entire digital footprint (website, social media presence, and web articles) and offer areas for improvement in terms of social capital and influence.
- Built a statistical model to quantify the network effect of members in any nonprofit organizations or companies.

Ready Credit Corporation

Eden Prairie, MN

Software Development Intern

June 2023 - August 2023

- Aggregated data from over 1,000 kiosks to extract insights pertaining to kiosk status, customer information, locations, LOB's, outages, and storage leading to a 15% increase in operational efficiency.
- Deployed two full stack dashboards for upper management using agile methods and Python, Javascript, Git, & GCP.

PROJECTS

cliseo | Co-founder | <https://cliseo.com/>

April 2025 - Present

- Building cliseo, a command line tool for search engine optimization compatible with React and Next.js websites.
- Utilized AWS Lambda & EC2 to host backend functionality, Amplify for frontend, and DynamoDB for the database.
- Managed CLI development, DevOps, CI/CD, SEO optimization, and growth to achieve 500+ downloads as of June.

Carba | Entrepreneurship Fellow

May 2025 - July 2025

- Initiated outreach to key steel producers, mapping potential partners in the US steel value chain and gathering insights on their interest in biocarbon as a replacement for coking coal.
- Analyzed steel production data, documented biocarbon use cases, and drafted a go-to-market strategy that outlines expected demand, timelines, and partnership pathways.

SKILLS

Python, SQL, RStudio, Microsoft Office, Excel, Power BI, Tableau, Jupyter, Pandas, NumPy, Scikit-Learn, PyTorch, XGBoost, JavaScript, AWS, GCP, Agile Methods, Bitbucket, Github, Jira, Flask, Django, BS4, Snowflake, Supabase, GA4, React

OTHER INTERESTS | Jazz Pianist, Local DJ, Eagle Scout, Alpine skier, Pole vaulter, Recreational basketball